

Amendments to the Abstract

Please ADD a new abstract as follows:

A method and an apparatus in a fluidized bed heat exchanger including a heat exchange chamber having a fluidized bed of solid particles, heat transfer surfaces, an inlet, and an outlet. Particles are fed through the inlet onto the upper surface of the bed of solid particles by a guiding channel. The guiding channel, which extends from above the upper surface of the bed of solid particles to the surface thereof, or to below the surface, passes the solid particles to a restricted area of the surface. The outlet is formed in the area of the guiding channel to remove particles from the area delimited by the guiding channel. Uncooled particles can thus be removed from the heat exchange chamber.